

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>O I P E</b> INFORMATION DISCLOSURE CITATION SEP 04 2002 (Use several sheets if necessary)	ATTY. DOCKET NO. 047940-0139	SERIAL NO. 10/084,640
		APPLICANT Koichi MASUDA et al.	
		FILING DATE February 25, 2002	GROUP ART UNIT

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>gr</i>		4,356,261	10/26/82	Kuettnar			
<i>gr</i>		4,642,120	02/10/87	Nevo et al.			
<i>gr</i>		4,673,566	06/16/87	Goosen et al.			
<i>gr</i>		4,846,835	07/11/89	Grande			
<i>gr</i>		4,904,259	02/27/90	Itay			
<i>gr</i>		4,927,761	05/22/90	Reading et al.			
<i>gr</i>		5,053,050	10/01/91	Itay			
<i>gr</i>		5,041,138	08/20/91	Vacanti et al.			

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>gr</i>	Klagsburn, M., "Large Scale Preparation of Chondrocytes," Methods Enzymol., Vol. 58, pp. 560-564, 1979; published by Academic Press, Inc.
<i>gr</i>	Lee, R.C., et al., "Oscillatory compressional behavior of articular cartilage and its associated electromechanical properties," J. Biomech Eng., Vol. 103, No. 4, pp. 280-292, 1981.
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<i>gr</i>	Mizrahi, J., et al., "The 'Instantaneous' Deformation of Cartilage: Effects of Collagen Fiber Orientation and Osmotic Stress," Biorheology, Vol. 23, pp. 311-330, 1986; published by Pergamon Journals Ltd.
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EXAMINER	DATE CONSIDERED
<i>J. M. M.</i>	12/10/02

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 3 047940-0179	TECH CENTER 1600/2900 207094, 710
INFORMATION DISCLOSURE CITATION SEP 04 2002 <i>RECEIVED JULY 10 2002 USPTO FBI - BOSTON</i>		APPLICANT Koichi MASUDA et al.			
(Use several sheets if necessary)		FILING DATE 01/22/2002	GROUP ART UNIT		
<b>OTHER DOCUMENTS (cont.) (including Author, Title, Date, Pertinent Pages, Etc.)</b>					
<i>gr</i>	Aydelotte, M. B., et al., "Differences between sub-populations of cultured bovine articular chondrocytes. II. Proteoglycan metabolism," Connective Tissue Res., Vol. 18, No. 3, pp. 223-234, 1988; published by Gordon and Breach, Science Publishers, Inc.				
<i>gr</i>	Aydelotte, M. B., et al., "Differences between sub-populations of cultured bovine articular chondrocytes. I. Morphology and cartilage matrix production," Connective Tissue Res., Vol. 18, No. 3, pp. 205-222, 1988; published by Gordon and Breach, Science Publishers, Inc.				
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<i>gr</i>	Granda, D. A., "The Repair of Experimentally Produced Defects in Rabbit Articular Cartilage by Autologous Chondrocyte Transplantation," J. of Orthopedic Research, Vol. 7, pp. 208-219, 1989; published by Raven Press, Ltd., New York.				
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<i>gr</i>	Johnson, R. G., et al., "The early response of articular cartilage to ACL transection in a canine model," Exp. Pathol., Vol. 38, pp. 37-52, 1990.				
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<i>gr</i>	Kwan, et al., "The Effect of Storage on the Biomechanical Behavior of Articular Cartilage - A Large Strain Study," J. Biomech. Eng., Vol. 114, pp. 149-153, 1992.				
<i>gr</i>	Wu, J-J., et al., "Identification of Cross-linking Sites in Bovine Cartilage Type IX Collagen Reveals an Antiparallel Type II-Type IX Molecular Relationship and Type IX to Type IX Bonding," J. Biol. Chem., Vol. 267, No. 32, pp. 23007-23014, November 15, 1992; published by The American Society for Biochemistry and Molecular Biology, Inc.				
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<i>gr</i>	Buckwalter, J. A., "Structural Differences Between Two Populations of Articular Cartilage Proteoglycan Aggregates," J. Orthop. Res., Vol. 12, pp. 144-148, 1994; published by the Orthopaedic Research Society.				
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<i>gr</i>	Gillak, F., et al., "Mechanical and biochemical changes in the superficial zone of articular cartilage in canine experimental osteoarthritis," J. Orthop. Res., Vol. 12, No. 4, pp. 474-484, 1994.
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<i>[Signature]</i>	Wren, Tishya A.L. et al., "Mechanobiology of tendon adaptation to compressive loading through fibrocartilaginous metaplasia," <i>J. Rehab. Res. and Dev.</i> , Vol. 37, No. 2, pp. 135-143, March/April 2000.
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<i>[Signature]</i>	Matsumoto, T., et al., "Formation of transplantable disc-shaped tissues by nucleus pulposus and annulus fibrosus cells: Biochemical and biomechanical properties," <i>Ortho. Res. Soc. Trans.</i> , Vol. 20, No. 897, 2001.
<i>[Signature]</i>	Sun, Y., et al., "Characterization of nucleus pulposus-like tissue formed in vitro," <i>Journal of Orthopaedic Research</i> , Vol. 19, pp. 1078-1084, 2001; published by Elsevier Science Ltd.
EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>12/10/04</i>
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## INFORMATION DISCLOSURE CITATION

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gr		5,197,985	03/30/93	Caplan et al.			RECEIVED
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gr		5,286,495	02/15/94	Batich et al.			SEP 05 2002
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gr		5,364,580	11/15/94	Prent			
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## INFORMATION DISCLOSURE CITATION

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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 047940-0139	SERIAL NO. 10/084, 640		
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<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>en</i>		5,326,357	7/5/94	Kandel			
<b>FOREIGN PATENT DOCUMENTS</b>							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
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<i>en</i>		94/28889	12/22/94	WO			
<i>en</i>		98/55594	12/10/98	WO			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
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